

# PATENT ABSTRACTS OF JAPAN

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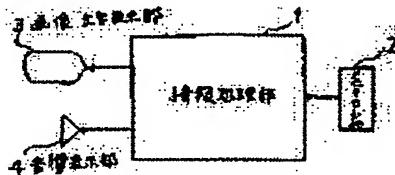
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(21)Application number : **63-053001** (71)Applicant : **SEIKO EPSON CORP**  
 (22)Date of filing : **07.03.1988** (72)Inventor : **IWAMATSU SEIICHI**

## **(54) ACOUSTIC/IMAGE/CHARACTER INFORMATION PROCESSOR**

### **(57)Abstract:**

PURPOSE: To miniaturize the title acoustic/image/character information processor and to make it possible to personally carry the processor by forming a storage part of the processor as a card.  
 CONSTITUTION: In an information processing part 1 including a 4-bit or 8-bit microprocessor unit, animation image information, the character information of words and acoustic information based upon electronic music are stored in a 4M-bit mask ROM chip e.g. The information is read out from a memory card part 2 obtained by incorporating the chip into the card and processed and the electronic music is displayed on an acoustic display part 4. On the other hand, image and character information is displayed on an image/character display part 3 relationally to the rhythm of the acoustic information.



### **LEGAL STATUS**

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